

## ESS - Europäische Spallationsquelle

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<http://europeanspallationsource.se/>

Europe's need for an advanced, high-power neutron spallation source was articulated 20 years ago. The European Spallation Source is a pan-European project with 15 European nations as members and Sweden and Denmark as host nations. The ESS facility is being built in Lund, while the ESS Data Management and Software Centre (DMSC) is located in Copenhagen. Around two to three thousand guest researchers will carry out experiments at ESS each year. Most of the users will be based at European universities and institutes, others within industry.

The construction of the facility began in the summer of 2014, and the planning for the ESS user programme is ongoing. Scientists and engineers from more than 100 partner laboratories are working on updating and optimising the advanced technical design of the ESS facility, and at the same time are exploring how to maximise its research potential. These partner laboratories, universities and research institutes are also contributing human resources, knowledge, equipment, and financial support through In-Kind Contributions that will comprise up to 30 percent of the construction budget.

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Länder / Organisationen: Global

Themen: Grundlagenforschung

[Zurück](#)

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